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**TELECOPY COVER SHEET***Please call if you do not receive all the pages.*

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**Date:** March 28, 2002

**TO:** **Name:** Examiner Enrique L. Santiago  
**Company:** Group No. 2671  
United States Patent and Trademark Office  
**Address:** Washington, DC 20231  
**Telephone:** (703) 306-5908  
**Fax:** (703) 872-9314

**FROM:** **Sender:** Joseph B. Milstein, Reg. No. 42,897  
**Direct Telephone/Fax:** (617) 248-7695/(617) 790-0204  
**Number of Pages INCLUDING This Cover Sheet:** 31  
**Client:** 7862/10

**Comments:**

Attached is an Amendment and Response and accompanying filing papers for USSN 09/347,637 as indicated on the Certificate of Facsimile Transmission.

2327778

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Official

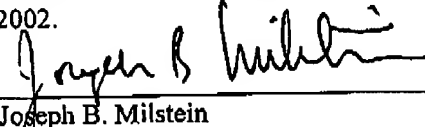
PATENT  
Attorney Docket No. SNS-0062P1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Shih et al.  
SERIAL NO.: 09/347,637 GROUP NO.: 2671  
FILING DATE: July 6, 1999 EXAMINER: E.L. Santiago  
TITLE: SYSTEMS AND METHODS FOR SCULPTING VIRTUAL OBJECTS  
IN A HAPTIC VIRTUAL REALITY ENVIRONMENT

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence, and any document(s) referred to as attached hereto, is/are being transmitted to the United States Patent and Trademark Office, Facsimile No. (703) 872-9314 on this 28th day of March, 2002.

  
Joseph B. Milstein


Attached hereto is/are:

1. Transmittal Form (1 page);
2. 2 copies of Fee Transmittal Form (1 page each);
3. Amendment and Response, totalling 25 pages including clean copy of pending claims and a copy of each amended claim in marked-up form;
4. Petition for Extension of Time Under 37 CFR 1.136(a) (1 page); and
5. a Facsimile Cover Sheet (1 page)

VER 9/00  
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<b>TRANSMITTAL FORM</b>	Application Serial Number	09/347637
	Filing Date	July 6, 1999
	First Named Inventor	Shih
	Group Art Unit	2671
	Examiner Name	E.L. Santiago
	Attorney Docket No.	SNS-006CP1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input checked="" type="checkbox"/> Copy of Fee Transmittal Form  <input checked="" type="checkbox"/> Amendment/Response totaling 25 pages including clean copy of pending claims and a copy of each amended claim in marked-up form <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ]  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Return Receipt Postcard  <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Certificate of Facsimile Transmission (page)

CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	Date: March 28, 2002 Reg. No. 42,897 Tel. No.: (617) 248-7695 Fax No.: (617) 248-7100  Respectfully submitted,  Joseph B. Mills Attorney for Applicant(s) Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110

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# **FEE TRANSMITTAL** **FY 2002**

*Complete if Known*

Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1

## **METHOD OF PAYMENT**

1. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☒ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
3. ☒ Applicant claims small entity status.

## **FEE CALCULATION**

### **1. FILING FEE**

Large Entity Fee (\$)	Fee Description	Fee Paid
740	Utility filing fee	
330	Design filing fee	
160	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
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Total Claims - 20 = x \$ 18.00 =

Independent Claims - 3 = x \$ 84.00 =

☐ Multiple Dependent Claim(s), if any \$280.00 =

TOTAL:

SMALL ENTITY DISCOUNT:

SUBTOTAL (1) (\$)

### **2. AMENDMENT CLAIM FEES**

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total 36	- 34 =	2	x \$ 18.00 =	36.00
Indep. 4	- 4 =	0	x \$ 84.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim + \$280.00 =				

TOTAL: (\$ 36.00)

SMALL ENTITY DISCOUNT: (\$ 18.00)

SUBTOTAL (2) (\$ 18.00)

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
110	55	Extension for reply within first month	55.00
400	200	Extension for reply within second month	
920	460	Extension for reply within third month	
1440	720	Extension for reply within fourth month	
1960	980	Extension for reply within fifth month	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
130	130	Petitions to the Commissioner	
180	180	Submission of Information Disclosure Statement	
740	370	Filing a submission after final rejection (37 CFR 1.129(a))	
740	370	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$ 55.00)

SUBTOTAL (1) 55.00

SUBTOTAL (2) 18.00

SUBTOTAL (3)

TOTAL (\$ 73.00)


## **CORRESPONDENCE ADDRESS**

Direct all correspondence to:

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 Testa, Hurwitz & Thibault, LLP  
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 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

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Date: March 28, 2002  
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 Tel. No.: (617) 248-7695  
 Fax No.: (617) 248-7100

Respectfully submitted  
  
 Joseph B. Milstein  
 Attorney for the Applicants  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110

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# **FEE TRANSMITTAL** **FY 2002**

*Complete if Known*

Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1

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SMALL ENTITY DISCOUNT:

SUBTOTAL (1) (\$)

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Indep. 4	- 4 =	0	x \$ 84.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim + \$280.00 =				

TOTAL: (\$ 36.00)

SMALL ENTITY DISCOUNT: (\$ 18.00)

SUBTOTAL (2) (\$ 18.00)

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
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Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$ 55.00)

SUBTOTAL (1) 55.00

SUBTOTAL (2) 18.00

SUBTOTAL (3)

TOTAL (\$ 73.00)

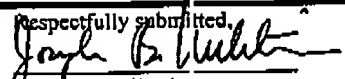
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